

CLAIMS:

1. A push bumper apparatus configured to be coupled to a vehicle including a bumper, a frame assembly positioned in longitudinally spaced relation to the bumper, and a fascia positioned in longitudinally spaced relation in front of the bumper, the push bumper apparatus comprising:
- 5 at least one push member;
- a front clamping member including a first clamping surface configured to face a front surface of one of the bumper and the frame assembly;
- a rear clamping member including a second clamping surface
- 10 configured to face a rear surface of one of the bumper and the frame assembly;
- a fastener connecting the front clamping member and the rear clamping member such that the one of the bumper and the frame assembly is clamped between the first clamping surface and the second clamping surface; and
- a support member configured to secure one of the front clamping
- 15 member and the rear clamping member to the push member without requiring new openings to be formed through any of the bumper, the frame assembly, and the fascia.
2. The push bumper apparatus of claim 1, wherein the at least one push member comprises a first vertical push member, and a second vertical push member positioned in laterally spaced relation to the first vertical push member, and wherein a
- 20 connecting member is coupled to and extends between the first and second vertical push members.
3. The push bumper apparatus of claim 2, wherein the connecting member is a horizontal shelf configured to receive at least one accessory thereon.
4. The push bumper apparatus of claim 3, further comprising a speaker
- 25 bracket extending downwardly from the shelf.
5. The push bumper apparatus of claim 2, wherein the first and second vertical push members are releasably coupled to the connecting member such that the lateral spacing between the first and second vertical push members may be varied by replacing the connecting member with a second connecting member having a
- 30 different width.
6. The push bumper apparatus of claim 1, wherein the front clamping member includes top and bottom retaining portions configured to extend beyond top and bottom surfaces of one of the bumper and the frame assembly.

7. The push bumper assembly of claim 1, wherein the support member is configured to pass through a pre-existing opening formed within the fascia.

8. The push bumper assembly of claim 1, wherein the frame assembly includes a laterally extending cross-frame member, the first clamping surface of the front clamping member is configured to face a front surface of the cross-frame member, and the second clamping surface of the rear clamping member is configured to face a rear surface of the cross-frame member, such that the cross-frame member is clamped therebetween.

9. The push bumper assembly of claim 1, further comprising a breakaway coupling coupled to the support member and configured to disconnect the push member from the one of the front clamping member and the rear clamping member upon the application of a predetermined force to the push member.

10. A push bumper apparatus configured to be coupled to a frame assembly of a vehicle, the vehicle including a bumper positioned in longitudinally spaced relation to the frame assembly, and a fascia positioned in longitudinally spaced relation in front of the bumper, the push bumper apparatus comprising:

a push member;
a coupler configured to be supported by the frame assembly;
a lower support member configured to secure the coupler to the push member and extending vertically below the bumper from the coupler to the push member; and

an upper support member configured to secure the coupler to the push member and extending vertically above the bumper from the coupler to the push member.

11. The push bumper apparatus of claim 10, wherein the coupler comprises:

a front clamping member including a first clamping surface configured to face a front surface of the frame assembly;

a rear clamping member including a second clamping surface configured to face a rear surface of the frame assembly; and

a fastener connecting the front clamping member and the rear clamping member such that the frame assembly is clamped intermediate the front clamping surface and the rear clamping surface.

12. The push bumper apparatus of claim 10, wherein the push member comprises a first vertical push member, the push bumper apparatus further comprising a second vertical push member positioned in laterally spaced relation to the first vertical push member, and a connecting member coupled to and extending between the first and second vertical push members.

13. The push bumper apparatus of claim 12, wherein the connecting member is a horizontal shelf configured to receive at least one accessory thereon.

14. The push bumper apparatus of claim 12, wherein the first and second vertical push members are releasably coupled to the connecting member such that the lateral spacing between the first and second vertical push members may be varied by replacing the connecting member with a second connecting member having a different width.

15. The push bumper apparatus of claim 10, wherein the lower support member passes through a first pre-existing opening formed within the fascia, and the upper support member passes through a second pre-existing opening formed within the fascia in spaced relation to the first pre-existing opening.

16. The push bumper assembly of claim 10, further comprising a breakaway coupling coupled to each of the first and second support members, the breakaway coupling configured to disconnect the push member from the coupler upon the application of a predetermined force to the push member.

17. A push bumper apparatus configured to be coupled to a frame assembly of a vehicle, the vehicle including a bumper positioned in longitudinally spaced relation to the frame assembly, and a fascia positioned in longitudinally spaced relation in front of the bumper, the push bumper apparatus comprising:

- a first push member;
- a second push member positioned in laterally spaced relation to the first push member;
- a first clamping member including a first clamping surface configured to face a first frame surface of the frame assembly;
- a second clamping member including a second clamping surface configured to face a second frame surface of the frame assembly;

a fastener connecting the first clamping member and the second clamping member such that the frame assembly is clamped between the first clamping surface and the second clamping surface;

5 a first support arm configured to couple the first clamping member to the first push member; and

a second support arm configured to couple the first clamping member to the second push member, the second support arm positioned in laterally spaced relation to the first support arm.

10 18. The push bumper apparatus of claim 17, further comprising a connecting member extending between the first and second push members, the first and second push members being releasably coupled to the connecting member such that the lateral spacing between the first and second push members may be varied by replacing the connecting member with a second connecting member having a different width.

15 19. The push bumper apparatus of claim 17, wherein the frame assembly includes a laterally extending cross-frame member, the first clamping surface of the first clamping member being configured to face a front surface of the cross-frame member, and the second clamping surface of the second clamping member being configured to face a rear surface of the cross-frame member, such that the cross-frame member is clamped therebetween.

20 20. The push bumper apparatus of claim 17, wherein the first and second support arms are configured to pass through pre-existing openings formed within the fascia.

25 21. The push bumper apparatus of claim 17, further comprising a breakaway coupling coupled to the first support arm, the breakaway coupling configured to disconnect the first push member from the first clamping member upon application of a predetermined force to the push member.

30 22. A push bumper apparatus configured to be coupled to a frame assembly of a vehicle, the vehicle including a bumper positioned in longitudinally spaced relation to the frame assembly, and a fascia positioned in longitudinally spaced relation in front of the bumper, the push bumper apparatus comprising:

a first push member;

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a second push member positioned in spaced relation to the first push member;

a connecting member having a first end connected to the first push member and a second end connected to the second push member; and

5 a coupler configured to couple the first and second push members to the vehicle frame assembly.

23. The push bumper apparatus of claim 22, wherein the first and second push members are coupled to the vehicle frame assembly without requiring new openings to be formed in any of the bumper, the frame assembly, and the fascia.

10 24. The push bumper apparatus of claim 22, wherein the coupler comprises;

a front clamping member including a first clamping surface configured to face a front surface of the frame assembly;

15 a rear clamping member including a second clamping surface configured to face a rear surface of the frame assembly; and

a fastener connecting the front clamping member and the rear clamping member such that the frame assembly is clamped intermediate the front clamping surface and the rear clamping surface.

20 25. The push bumper apparatus of claim 24, wherein the frame assembly includes a laterally extending cross-frame member, the first clamping surface of the front clamping member is configured to face a front surface of the cross-frame member, and the second clamping surface of the rear clamping member is configured to face a rear surface of the cross-frame member, such that the cross-frame member is clamped therebetween.

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